

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Trimethylamine
EPA Registry Name List	Chemical Identification
Systematic Name	Methanamine, N,N-dimethyl-
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	75-50-3
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C3H9N
Molecular Weight	59.11
Comment/Description	

Internal Tracking Number	5629
Substance Status	Approved

Definition

Classifications

Associated Identifiers

Former CAS Numbers

4558-12-7

Structure

Notation	Notation Type
N(C)(C)C	SMILES

Substance Details Report

January 10, 2017

Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Trimethylamine	Valid		
CAA 111	Trimethylamine	Valid	01/05/1981	
CAA 112R	Methanamine, N,N-dimethyl-	Valid	01/31/1994	
CAA 112R	Trimethylamine	Valid	01/31/1994	
CAA112(b) HON	Trimethylamine	Valid		
CERCLA	Trimethylamine	Valid		
CWA 311	Trimethylamine	Valid	03/13/1978	
CWA 311	TMA	Valid	03/13/1978	
TSCA Inv	Methanamine, N,N-dimethyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Methanamine, N,N-dimethyl-	Valid		
2012 CDR	Trimethylamine	Valid		
CAMEO Chemicals	Trimethylamine, aqueous solution	Valid		
CAMEO Chemicals	Trimethylamine, anhydrous	Valid		
CERCLIS3	Trimethylamine	Valid		
CHIPS	Methanamine, N,N-dimethyl-	Valid		
ECOTOX	Trimethylamine	Valid		
ERNS	TMA	Valid		
ERNS	N,N-Dimethylmethanamine	Valid		
ERNS	Trimethylamine	Valid		
GCES	Methanamine, N,N-dimethyl-	Valid		
HPVC List	Trimethylamine	Valid		
HPVIS	Methanamine, N,N-dimethyl-	Valid		
ICIS-Air	Trimethylamine	Valid		
OPPIN	Trimethylamine	Unknown		

Substance Details Report

January 10, 2017

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
RMP*Info	Trimethylamine	Valid		
RMP*Info	Methanamine, N,N-dimethyl-	Valid		
TSCATS	Methanamine, N,N-dimethyl-	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Methanamine, N,N-dimethyl-	Valid		
CFATS	Trimethylamine	Unknown	08/08/2013	
CUS02	Methanamine, N,N-dimethyl-	Valid		
CUS86	Trimethylamine	Valid		
CUS90	Trimethylamine	Valid		
CUS94	Trimethylamine	Valid		
CUS98	Methanamine, N,N-dimethyl-	Valid		
ChemIDStd	Trimethylamine	Valid		
FDA	TRIMETHYLAMINE	Unknown		
HSDB	Trimethylamine	Valid		
NJ-RTK-HS	Trimethylamine	Valid		
NTP Chemical Repository	Trimethylamine	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR Exempt Test	Methanamine, N,N-dimethyl-	Unknown		
AEGL	Trimethylamine	Unknown		

EPA Synonyms

There are no Synonyms of this type.

Substance Details Report

January 10, 2017

Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_273860.html
<http://www.osha.gov/dts/sltc/methods/partial/pv2060/2060.html>
<http://www.cdc.gov/niosh/ipcsneng/neng0206.html>
<http://nj.gov/health/eoh/rtkweb/documents/fs/1927.pdf>
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=75-50-3>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=75-50-3&result=advanced>
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=LHH7G8O305>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000075503>